

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD**  
**(CIN No.U40109MH2005SGCI53646)**

|                                                                                                                                                                                                                                          |
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| <b>Office of the Executive Engineer</b><br>EHV O & M Division-I, Pune<br>Block No.406, Administrative Building, 3 <sup>rd</sup> Floor, Rasta Peth, Pune – 411011<br>Contact No: (020) 26061362, 7030964477 E-mail- ee6140@mahatransco.in |
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**EE/EHV O&M Dn.-I/Pune/Tech./417**

**Date : 15.03.2022**

**TO WHOM SO EVER IT MAY CONCERN**

This office intends to buy the 11 kV & 22 kV indoor current Transformers for 132 kV GIS Rstapeth sub-station and 220 kV Khadki sub-station.

This office requires Budgetary offer for the Supply of Material as mentioned, for 132 kV GIS Rstapeth sub-station and 220 kV Khadki sub-station under EHV O&M Division-1, Pune, below.

| Sr. No. | Particulars of work                                                  | HSN Code | Unit | Qty. | Rate in Rs. | GST applicable in % | Rate with GST | Remark                                                |
|---------|----------------------------------------------------------------------|----------|------|------|-------------|---------------------|---------------|-------------------------------------------------------|
| 1       | 2                                                                    | 3        | 4    | 5    | 6           | 7                   | 8             | <b>Detail specifications are enclosed separately.</b> |
| 1       | Providing 11 kV indoor EPOXY CAST CTs 400-200/1A, rated Amps-800A    |          | Nos. | 3    |             |                     |               |                                                       |
| 2       | Providing 11 kV indoor EPOXY CAST CTs 1600-800/1A, rated Amps- 1600A |          | Nos. | 6    |             |                     |               |                                                       |
| 3       | Providing 11 kV indoor EPOXY CAST CTs 400-200/5 A, rated Amps-800A   |          | Nos. | 3    |             |                     |               |                                                       |
| 4       | Providing 11 kV indoor EPOXY CAST CTs 400-200/5 A, rated Amps- 1600A |          | Nos. | 3    |             |                     |               |                                                       |
| 5       | Providing 22 kV indoor EPOXY CAST CTs 400-200/1A, rated Amps-800A    |          | Nos. | 3    |             |                     |               |                                                       |
| 6       | Providing 22 kV indoor EPOXY CAST CTs 1600-800/1A, rated Amps- 1600A |          | Nos. | 6    |             |                     |               |                                                       |

All interested are requested to submit their best offer for above said material on Email ID:ee6140@mahatransco.in along with HSN Codes & applicable rate of GST for above Material, upto dtd. 25.03.2022 at12:00 Hrs.

This budgetary offer is invited only for estimation purpose and same will not be considered for any bidding or other activity.

Sd/-

**Executive Engineer,  
EHV O&M Division-I, Pune**

**Details of 11 kV indoor spare CT at 132 kV GIS Rasta peth sub-station**

|                  |                      |                                                       |                                                       |                      |                                                       |                                                       |                          |                                                       |                                                       |
|------------------|----------------------|-------------------------------------------------------|-------------------------------------------------------|----------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Name of the bay  | 11 kV Feeder         |                                                       |                                                       | 11 kV Incommer       |                                                       |                                                       | 11 kV Bus couler         |                                                       |                                                       |
| CT Type          | EPOXY CAST           |                                                       |                                                       | EPOXY CAST           |                                                       |                                                       | EPOXY CAST               |                                                       |                                                       |
| Rated AMPs       | 800 A                |                                                       |                                                       | 1600 A               |                                                       |                                                       | 1600 A                   |                                                       |                                                       |
| Rating           | 11 KV                |                                                       |                                                       | 11 KV                |                                                       |                                                       | 11 KV                    |                                                       |                                                       |
| Enclosure Type   | HWX                  |                                                       |                                                       | HWX                  |                                                       |                                                       | HWX                      |                                                       |                                                       |
| core             | Core 1               | Core 2                                                | Core 3                                                | Core 1               | Core 2                                                | Core 3                                                | Core 1                   | Core 2                                                | Core 3                                                |
| Ratio            | 400-200/1 A          | 400-200/1 A                                           | 400-200/1 A                                           | 1600-800/1A          | 1600-800/1 A                                          | 1600-800/1 A                                          | 1600-800/1A              | 1600-800/1 A                                          | 1600-800/1 A                                          |
| Specification    | 20 VA ,CL-0.2,ISF<=5 | CL-<br>PS,VK>=150V,RCT,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | CL-<br>PS,VK>=150V,RCT,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | 20 VA ,CL-0.2,ISF<=5 | CL-<br>PS,VK>=150V,RCT,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | CL-<br>PS,VK>=150V,RCT,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | 20 VA ,CL-<br>0.2,ISF<=5 | CL-<br>PS,VK>=150V,RCT,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | CL-<br>PS,VK>=150V,RCT,=8<br>OHMS,Imag<=30<br>Ma@VK/2 |
| Purpse           | METERING             | MAIN PROTECTION                                       | SPARE PROTECTION                                      | METERING             | BACK UP<br>PROTECTION                                 | DIFFERENTIAL<br>PROTECTION                            | METERING                 | MAIN PROTECTION                                       | SPARE PROTECTION                                      |
| STC              | 26.2 Ka              |                                                       |                                                       | 26.2 Ka              |                                                       |                                                       | 26.2 Ka                  |                                                       |                                                       |
| Duration         | 1 sec                |                                                       |                                                       | 1 sec                |                                                       |                                                       | 1 sec                    |                                                       |                                                       |
| PH               | 3P/3W                |                                                       |                                                       | 3P/3W                |                                                       |                                                       | 3P/3W                    |                                                       |                                                       |
| Insulation Level | 12/28/75 KVP         |                                                       |                                                       | 12/28/75 KVP         |                                                       |                                                       | 12/28/75 KVP             |                                                       |                                                       |
| Freq             | 50 Hz                |                                                       |                                                       | 50 Hz                |                                                       |                                                       | 50 Hz                    |                                                       |                                                       |
| Total quantity   | 3 Nos                |                                                       |                                                       | 3 Nos                |                                                       |                                                       | 3 Nos                    |                                                       |                                                       |

**Details of 11 kV indoor spare CT at 220 kV Khadki sub-station**

|                  |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|
| Name of the bay  | 11 kV Feeder/ incommer/ bus cuopler | 11 kV Feeder/ incommer/ bus cuopler |
| CT Type          | EPOXY CAST                          | EPOXY CAST                          |
| Rated AMPs       | 800 A                               | 1600 A                              |
| Rating           | 11 KV                               | 11 KV                               |
| Core             | Core 3                              | Core 3                              |
| Ratio            | 400-200/5 A                         | 400-200/5 A                         |
| Specification    | 30 VA ,CL-1/5P10                    | 30 VA ,CL-1/5P10                    |
| Purpse           | PROTECTION AND METERING             | PROTECTION AND METERING             |
| STC              | 26.2 Ka                             | 31.5 KA                             |
| Duration         | 1 sec                               | 1 sec                               |
| PH               | 3P/3W                               | 3P/3W                               |
| Insulation Level | 12/28/75 KVP                        | 12/28/75 KVP                        |
| Freq             | 50 Hz                               | 50 Hz                               |
| Total quantity   | 3 Nos                               | 3 Nos                               |

SD/-  
Executive Engineer  
EHV O&M Division-I, Pune

**Details of 22 kV indoor spare CT at 132 kV GIS Rasta peth sub-station**

| Name of the bay  | 22 kV Feeder                                              |                          |                                                           | 22 kV Incommer                                            |                          |                                                           | 22 kV Bus couler                                          |                          |                                                           |
|------------------|-----------------------------------------------------------|--------------------------|-----------------------------------------------------------|-----------------------------------------------------------|--------------------------|-----------------------------------------------------------|-----------------------------------------------------------|--------------------------|-----------------------------------------------------------|
| CT Type          | EPOXY CAST                                                |                          |                                                           | EPOXY CAST                                                |                          |                                                           | EPOXY CAST                                                |                          |                                                           |
| Rated AMPs       | 800 A                                                     |                          |                                                           | 1600 A                                                    |                          |                                                           | 1600 A                                                    |                          |                                                           |
| Rating           | 22 KV                                                     |                          |                                                           | 22 KV                                                     |                          |                                                           | 22 KV                                                     |                          |                                                           |
| Enclosure Type   | PIX 36                                                    |                          |                                                           | PIX 36                                                    |                          |                                                           | PIX 36                                                    |                          |                                                           |
| Core             | Core 1                                                    | Core 2                   | Core 3                                                    | Core 1                                                    | Core 2                   | Core 3                                                    | Core 1                                                    | Core 2                   | Core 3                                                    |
| Ratio            | 400-200/1 A                                               | 400-200/1                | 400-200/1                                                 | 1600-800/1 A                                              | 1600-800/1 A             | 1600-800/1 A                                              | 1600-800/1 A                                              | 1600-800/1 A             | 1600-800/1 A                                              |
| Specification    | CL-<br>PS,VK>=150V,RC<br>T,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | 20 VA ,CL-<br>0.2,ISF<=5 | CL-<br>PS,VK>=150V,RC<br>T,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | CL-<br>PS,VK>=150V,RC<br>T,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | 20 VA ,CL-<br>0.2,ISF<=5 | CL-<br>PS,VK>=150V,RC<br>T,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | CL-<br>PS,VK>=150V,RC<br>T,=8<br>OHMS,Imag<=30<br>Ma@VK/2 | 20 VA ,CL-<br>0.2,ISF<=8 | CL-<br>PS,VK>=150V,RC<br>T,=8<br>OHMS,Imag<=30<br>Ma@VK/2 |
| Purpse           | MAIN<br>PROTECTION                                        | METERING                 | MAIN<br>PROTECTION                                        | MAIN<br>PROTECTION                                        | METERING                 | SPARE<br>PROTECTION                                       | MAIN<br>PROTECTION                                        | METERING                 | SPARE<br>PROTECTION                                       |
| STC              | 26.2 Ka                                                   |                          |                                                           | 26.2 Ka                                                   |                          |                                                           | 26.2 Ka                                                   |                          |                                                           |
| Duration         | 1 sec                                                     |                          |                                                           | 1 sec                                                     |                          |                                                           | 1 sec                                                     |                          |                                                           |
| PH               | 3P/3W                                                     |                          |                                                           | 3P/3W                                                     |                          |                                                           | 3P/3W                                                     |                          |                                                           |
| Insulation Level | 24/56/150 KVP                                             |                          |                                                           | 24/56/150 KVP                                             |                          |                                                           | 24/56/150 KVP                                             |                          |                                                           |
| Freq             | 50 Hz                                                     |                          |                                                           | 50 Hz                                                     |                          |                                                           | 50 Hz                                                     |                          |                                                           |
| Total quantity   | 3 Nos                                                     |                          |                                                           | 3 Nos                                                     |                          |                                                           | 3 Nos                                                     |                          |                                                           |

**SD/-**  
**Executive Engineer**  
**EHV O&M Division-I, Pune**